

MINUTES OF THE
MARICOPA ASSOCIATION OF GOVERNMENTS
TELECOMMUNICATIONS ADVISORY GROUP

April 15, 2004
MAG Office
302 North First Avenue
Phoenix, Arizona

MEMBERS ATTENDING

Greg Binder, Phoenix, Chair
*Kevin Hinderleider¹, Avondale
✓Dee Hathaway¹, Buckeye
✓Jim Keen¹, Carefree
*Pat McDermott, Chandler
*Mike Ciccarone¹, Fountain Hills
Shawn Woolley, Gilbert
Ajay Joshi, Glendale
**John Imig¹, Goodyear
Cary Parker², Maricopa County

*Dale Shaw, Mesa
**Duncan Miller¹, Paradise Valley
**Ralph Spencer, Peoria
*Lester Godsey¹, Queen Creek
Kevin Sonoda, Scottsdale
**Randy Jackson, Surprise
✓Dave Heck, Tempe
✓Bruce Johnson¹, Tolleson
*Karen Strickland, ADOT
Randi Alcott¹, RPTA

*Members neither present nor represented by proxy.

OTHERS PRESENT

✓Larry Harbor, Buckeye
✓Gary Neiss, Carefree
Pat Timlin, El Mirage
John Zinchak, Exhibitions
Galen Updike, GITA
✓Mark Johnson, Guadalupe
**Mark Goldstein, IRC
Rita Walton, MAG
Craig Chenery², MAG
Debbie Kohn, MAG Telecommunications Assoc.

Heidi Pahl¹, MAG
Don Worley, MAG
Audrey Skidmore, MAG
Mele Koneya, MAG
Peter Burnett, MAG
**Santiago Garcia, Peoria
**Tim Smothers, Peoria
**Kris Lambertus, Peoria
✓Lauren Maxwell, Tempe
✓Bruce Johnson, Tolleson
Gene Trobia, State Land Dept.

**Participated via telephone conference call.

✓ Participated via video conference call.

¹ = RVS Site Coordinator

² = RVS Backup Site Coordinator

1. Call to Order

The meeting was called to order at 10:10 a.m. by Chair Greg Binder. Voting members Dee Hathaway, Jim Keen, Dave Heck and Bruce Johnson attended via videoconference. Voting members John Imig, Ralph Spencer, Randy Jackson and Duncan Miller attended via telephone conference call. All members introduced themselves.

2. Call to the Audience

No comments were made by the audience.

3. Approval of March 18, 2004 Meeting Minutes

It was moved by Cary Parker, seconded by Ajay Joshi and unanimously recommended to approve the March 18, 2004 meeting minutes.

4. Effective Use of Geographic Information Systems (GIS) for Member Agencies

Chair Greg Binder reminded the attendees that the three GIS presentations are available on the MAG Web site.

Greg Binder introduced Gene Trobia, Arizona State Cartographer for the State Land Department. Gene Trobia gave brief autobiographical information and gave a PowerPoint presentation. The presentation was titled, "Geospatial Initiatives, A State Perspective" and covered Arizona State GIS organizations, State GIS roles, Arizona Geographic Information Council (AGIC) activities, Arizona map framework data, county and local data, Arizona geoserver, Arizona height modernization, National Spatial Data Inventory layers, Global Positioning System (GPS), State GIS partnership model, Arizona GeoData Portal, examples of how GIS is used for planning and emergency incident responses, opportunities, and the national GIS model.

Debbie Kohn asked for a definition of metadata. Gene Trobia replied that metadata is data about data that tells the purpose of the data, why the data was collected and when, the accuracy level and contact information about the data.

Cary Parker asked how the State is rectifying the differences in data standards and whether the legal descriptions of property lines are changed to account for the different standards. Gene Trobia replied that GIS is a graphical depiction of data and that the brass cap and legal descriptions are not changed. The GIS data displayed was to different levels of accuracy, not different standards. Mr. Trobia stated that GIS accuracy will allow for a better way to depict the data. He added that the State is working with the Arizona Professional Surveyors Association to ensure consistency and accuracy. Mr. Trobia stated that different control points for the same geographic location are called "porcupine" corners. Gene Trobia stated that further research has to be conducted to find out which control point is correct and that this is the biggest stumbling block to standardization of control points.

Shawn Woolley stated that the Town of Gilbert orthorectified all of Gilbert's maps by snapping them to the intersection and street centerline points and that their accuracy changed from 8 to 9 feet down to one foot.

Cary Parker asked if surveyors are using Global Positioning System (GPS). Gene Trobia replied that they are and that their boundary surveys snap to these high quality points identified by the GPS.

Rita Walton stated that MAG's GIS information is available to all MAG member agencies. Ms. Walton stated that the MAG Population Technical Advisory Committee (POPTAC) helps review GIS data at MAG. A list of the POPTAC membership and a list of member agency contacts who received MAG aerial photography were distributed to the in-person attendees at MAGTAG. Rita Walton gave a PowerPoint presentation titled, "The Use of Regional Geographic Information Systems" and covered the following topics: what is currently being done and why; primary data collection; examples using GIS for population projections, analysis, and strategic planning, and interactive mapping on the MAG Web site.

Galen Updike asked if MAG consults with the State GIS staff. Rita Walton replied that MAG is working with the local councils of government and with the State Land Department to develop modeling information for the whole State. MAG is working on GIS for three counties and is considering doing Arc IMS for the entire State of Arizona. Rita Walton represents MAG on AGIC.

Shawn Woolley gave a PowerPoint presentation titled, "GIS Data as an Enterprise Tool" and covered the following topics: background on the Town of Gilbert and Gilbert's GIS project management, IMS database design, field data collection, as-builts, asset inventory results and examples, building permit location tool, mapping and parcel location information, IMS web browser, address alignment, and AddressCheck.

Debbie Kohn asked how Gilbert got started and how long it took to complete this project. Shawn Woolley replied that it took two years, \$1.4 million, and eight GIS staff to get to this point. Mr. Woolley stated that they are mapping all of Gilbert's data and infrastructure in GIS, including buildings and trees to better manage infrastructure and meet regulatory requirements.

5. Community Vital Signs

Rita Walton reported that MAG and Valley of the Sun United Way produced a booklet titled, "Community Vital Signs" which includes data and maps about the Maricopa region. Rita Walton stated that the booklet was printed by the Arizona Republic and sponsored by American Express. She said that the booklet covers demographics, regional well being and civic engagement, education, employment, housing and crime and that copies are available at MAG. Greg Binder asked if the Community Vital Signs publication is being sent to managers and mayors at the member agencies. Ms. Walton replied that MAG staff is making presentations to all MAG committees about the booklet this month and that presentations have been given to Management Committee and will be

given to Regional Council later this month. Rita Walton stated that the booklet is also available in .pdf format on the MAG Web site.

6. MAGTAG Working Group Projects

Randy Jackson reported that the Information Sharing Working Group met April 9, 2004 to plan for future MAGTAG information sharing sessions. Randy Jackson stated that April's topic was "Effective Use of GIS for MAG Member Agencies." Randy Jackson thanked Gene Trobia of the State Land Department, Rita Walton of MAG, and Shawn Woolley of Gilbert for their excellent presentations. Randy Jackson stated that the May Information Sharing topic has not yet been finalized and that the Working Group is considering various topics and will let MAGTAG know the chosen topic prior to the next MAGTAG meeting. Randy Jackson reminded the TAG that new topics or ideas of interest can be sent to him or Heidi Pahl. Randy Jackson also invited interested attendees to join the Information Sharing Working Group.

Rita Walton reported that the Digital Oasis Initiative was on the March Regional Council agenda. The purpose of the agenda item was to request that MAG staff perform the majority of the initiative tasks in order to reduce the cost of the project and only use a consultant where necessary. She noted that the mayors had several questions about the initiative. Rita Walton stated that the Regional Council directed that no consultant money be spent on the Digital Oasis Initiative without their approval. She suggested that the office building project be successfully completed prior to going back to the Regional Council. Ms. Walton stated that MAG is prepared to begin the initiative. Greg Binder stated that MAGTAG will be kept informed as the project moves forward.

7. Announcements and Public Input

Greg Binder announced that the City of Phoenix has a Maps on Demand GIS tool that is being rolled out on the City's Web site. Mr. Binder explained that the tool will indicate where an address is located within the City via a link that pulls up a simple map. Greg Binder also announced that the City of Phoenix Fire Department is selling CDs of fire-related information that can be downloaded from the City's Web site at Phoenix.gov under the e-services menu.

Shawn Woolley asked if the Maps on Demand tool was done in partnership with Emergency Management System (EMS). Greg Binder stated that it was not done with EMS but was done with ESRI using JAVA off their spatial database engine.

Gene Trobia announced that there will be an Arizona Height Modification Forum April 28, 2004 at Arizona State University Downtown Campus and will include the Federal Emergency Management Agency and the National Geographic Information Systems Council as presenters. Greg Binder asked MAG staff to notify all MAGTAG member regarding the Forum.

8. Date of Future Meetings

Chairman Binder reminded the group that the next MAGTAG meeting will be Thursday, May 20, 2004 at 10:00 a.m.

The meeting was adjourned at 12:00 p.m.